

[0116] Tx Transmission or Transmitter

[0117] UE User equipment (e.g., a wireless, mobile device)

[0118] WSN Wireless Sensor Network

1-37. (canceled)

38. A method, comprising:

determining at a source node in a wireless network that at least one target node should be one of activated or deactivated; and

sending one or more messages from the source node toward a base station providing wireless access for nodes to the wireless network, wherein the one or more messages comprise an identification of the at least one target node and are configured to indicate that the at least one target node should be one of activated or deactivated.

39. The method of claim 38, wherein the one or more messages further comprises one or more indications of resources to be used for the at least one target node to communicate at least sensor information with the base station.

40. The method of claim 38, wherein the one or more messages further comprise at least one of one or more indications that one or both of a shorter discontinuous reception (DRX), and a shorter discontinuous transmission (DTX) should be used for the at least one target node, and one or more indications that one or both of a longer discontinuous reception (DRX) and a longer discontinuous transmission (DTX) should be used for a target node.

41. The method of claim 38, further comprising determining the resources to be used for the at least one target node to communicate at least sensor information with the base station based on homogeneous sensor network information or heterogeneous sensor network information.

42. The method of claim 38, wherein determining that at least one target node should be activated further comprises estimating a trajectory of one or more sensed elements.

43. The method of claim 42, wherein determining that at least one target node should be activated further comprises comparing the estimated trajectory with locations of sensor nodes.

44. The method of claim 43, wherein determining that at least one target node should be activated further comprises, in response to the estimated trajectory being determined to pass near certain one or more sensor nodes, identifying the certain one or more sensor nodes as target nodes to be activated.

45. An apparatus comprising:

at least one processor, and

at least one memory including computer program code, the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to:

determine at a source node in a wireless network that at least one target node should be one of activated or deactivated; and

send one or more messages from the source node toward a base station providing wireless access for nodes to the wireless network, wherein the one or more messages comprise an identification of the at least one target node and are configured to indicate that the at least one target node should be one of activated or deactivated.

46. The apparatus of claim 45, wherein the one or more messages further comprises one or more indications of resources to be used for the at least one target node to communicate at least sensor information with the base station.

47. The apparatus of claim 45, wherein the one or more messages further comprise at least one of one or more indications that one or both of a shorter discontinuous reception (DRX), and a shorter discontinuous transmission (DTX) should be used for the at least one target node, and one or more indications that one or both of a longer discontinuous reception (DRX) and a longer discontinuous transmission (DTX) should be used for a target node.

48. The apparatus of claim 45, further configured to determine the resources to be used for the at least one target node to communicate at least sensor information with the base station based on homogeneous sensor network information or heterogeneous sensor network information.

49. The apparatus of claim 45, further configured to determine that at least one target node should be activated based on estimating a trajectory of one or more sensed elements.

50. The apparatus of claim 49, further configured to determine that at least one target node should be activated based on comparing the estimated trajectory with locations of sensor nodes.

51. An apparatus, comprising:

at least one processor, and

at least one memory including computer program code, the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus to at least:

receive at a base station one or more messages from a source node, wherein the base station provides wireless access for nodes to a wireless network, wherein the one or more messages comprise an identification of at least one target node and are configured to indicate that the at least one target node should be one of activated or deactivated; and

send a message toward each of the at least one target nodes indicating that the target node should be the one of activated or deactivated.

52. The apparatus of claim 51, wherein the one or more messages comprise one or more indications of resources to be used for the at least one target node to communicate at least sensor information with the base station.

53. The apparatus of claim 52, further configured to allocate radio frequency resources based at least in part on the one or more indications of resources, and send a message comprising an indication of the allocated radio frequency resources to the at least one target node.

54. The apparatus of claim 52, wherein the one or more indication of resources comprise one or more of an indication of required bandwidth, one or more indications of one or more data rates, or one or more indications of other quality of service requirements.

55. The apparatus of claim 51, wherein the one or more messages further comprise one or more indications that one or both of a shorter discontinuous reception (DRX), and a shorter discontinuous transmission (DTX) should be used for the at least one target node.

56. The apparatus of claim 51, wherein the one or more messages further comprise an indication to switch from an Idle mode to a Connected mode.